

**AMENDMENTS TO THE SPECIFICATION**

**On page 372, delete the second full paragraph insert the following:**

Emulsion Em-A6 was prepared in the same manner as ~~(Em-A4)~~(Em-A5), except that compound (IX-2-3) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 374, delete the third full paragraph and insert the following:**

Emulsion Em-A9 was prepared in the same manner as ~~(Em-A7)~~(EM-A8), except that compound (IX-2-3) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 376, delete the third full paragraph and insert the following:**

Emulsion Em-A12 was prepared in the same manner as ~~(Em-A10)~~(Em-A11), except that compound (IX-2-3) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 378, delete the last paragraph and insert the following:**

Emulsion Em-A15 was prepared in the same manner as ~~(Em-A13)~~(Em-A14), except that compound (IX-2-3) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 392, delete the last paragraph and insert the following:**

Em-J3 was prepared in the same manner as ~~Em-J1~~(Em-J2), except that compound (IX-2-50) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 403, delete second full paragraph and insert the following:**

Em-P3 was prepared in the same manner as ~~Em-P1~~Em-P2, except that compound (IX-2-50) of the invention was added in an amount of  $1 \times 10^{-4}$  mol/mol Ag at the time of chemical sensitization.

**On page 435, delete Table 3 and insert the attached Table 3.**

- 435 -

Table 3  
Construction of 14th layer (High-speed blue sensitive layer)

Sample	Emulsion	H.B.S.	Surfactant	Coupler	Remarks
101	Em-A1	HBS-1	W-4	ExY-6	Comp.
102	Em-A2	HBS-1	W-4	ExY-6	Comp.
103	Em-A2	S-1	A-1	ExY-6	Ref.
104	Em-A2	S-37	A-1	ExY-6	Ref.
105	Em-A2	HBS-1	W-4	II-12	Inv.
106	Em-A2	HBS-1	W-4	II-106	Inv.
107	Em-A2	HBS-1	W-4	II-12, II-106	Inv.
108	Em-A2	S-1	A-1	II-12, II-106	Inv.
109	Em-A3	S-1	A-1	II-12, II-106	Inv.
110	Em-A4	HBS-1	W-4	ExY-6	Comp.
111	Em-A5	HBS-1	W-4	ExY-6	Comp.
112	Em-A5	S-1	A-1	II-12, II-106	Inv.
113	Em-A6	S-1	A-1	II-12, II-106	Inv.
114	Em-A7	HBS-1	W-4	ExY-6	Comp.
115	Em-A8	HBS-1	W-4	ExY-6	Comp.
116	Em-A8	S-1	A-1	II-12, II-106	Inv.
117	Em-A9	S-1	A-1	II-12, II-106	Inv.
118	Em-A10	HBS-1	W-4	ExY-6	Comp.
119	Em-A11	HBS-1	W-4	ExY-6	Comp.
120	Em-A11	S-1	A-1	II-12, II-106	Inv.
121	Em-A12	S-1	A-1	II-12, II-106	Inv.
122	Em-A13	HBS-1	W-4	ExY-6	Comp.
123	Em-A14	HBS-1	W-4	ExY-6	Comp.
124	Em-A14	S-1	A-1	II-12, II-106	Inv.
125	Em-A15	S-1	A-1	II-12, II-106	Inv.

H.B.S = High boiling organic solvent

Amendment Under 37 C.F.R. §1.111  
U.S. Application Ser. No. 10/034,607

Attorney Docket No.: Q67606

**On page 437, delete Table 5 and insert the attached Table 5.**

- 437 -

Table 5  
Construction of 6th layer (High-speed red sensitive layer)

Sample	Emulsion	H.B.S.	Surfactant	Coupler	Remarks
301	Em-J1	HBS-1	W-4	Exc-6	Comp.
302	Em-J2	HBS-1	W-4	Exc-6	Comp.
303	Em-J2	S-1	A-1	II-12, II-106	Inv.
304	Em-J3	S-1	A-1	II-12, II-106	Inv.
305	Em-J4	HBS-1	W-4	Exc-6	Comp.
306	Em-J5	HBS-1	W-4	Exc-6	Comp.
307	Em-J6	HBS-1	W-4	Exc-6	Comp.
308	Em-J7	HBS-1	W-4	Exc-6	Comp.
309	Em-J8	HBS-1	W-4	Exc-6	Ref.
310	Em-J9	HBS-1	W-4	Exc-6	Ref.
311	Em-J10	HBS-1	W-4	Exc-6	Ref.
312	Em-J11	HBS-1	W-4	Exc-6	Ref.
313	Em-J12	HBS-1	W-4	Exc-6	Ref.
314	Em-J13	HBS-1	W-4	Exc-6	Ref.
315	Em-J11	S-1	A-1	II-12, II-106	Inv.
316	Em-J14	HBS-1	W-4	Exc-6	Comp.
317	Em-J15	HBS-1	W-4	Exc-6	Comp.
318	Em-J16	HBS-1	W-4	Exc-6	Ref.
319	Em-J16	S-1	A-1	II-12, II-106	Inv.
320	Em-J17	S-1	A-1	II-12, II-106	Inv.
321	Em-J18	HBS-1	W-4	Exc-6	Comp.
322	Em-J19	HBS-1	W-4	Exc-6	Comp.
323	Em-J20	HBS-1	W-4	Exc-6	Ref.
324	Em-J20	S-1	A-1	II-12, II-106	Inv.
325	Em-J21	S-1	A-1	II-12, II-106	Inv.
326	Em-J22	HBS-1	W-4	Exc-6	Comp.
327	Em-J23	HBS-1	W-4	Exc-6	Comp.
328	Em-J24	HBS-1	W-4	Exc-6	Ref.
329	Em-J24	S-1	A-1	II-12, II-106	Inv.
330	Em-J25	S-1	A-1	II-12, II-106	Inv.

H.B.S = High boiling organic solvent

Amendment Under 37 C.F.R. §1.111  
U.S. Application Ser. No. 10/034,607

Attorney Docket No.: Q67606

**On page 444, delete Table 6 and insert the attached Table 6.**

- 444 -

Table 6

Sample	Photographic performance with blue filter		Photographic performance after subjecting to thermal condition		Remarks
	Sensi-tivity	Fog	Sensi-tivity	Fog	
101	100	0.25	90	0.40	Comp.
102	135	0.35	75	0.75	Comp.
103	135	0.27	120	0.55	Ref.
104	135	0.28	120	0.56	Ref.
105	135	0.28	120	0.56	Inv.
106	135	0.27	120	0.55	Inv.
107	135	0.27	120	0.55	Inv.
108	135	0.26	120	0.55	Inv.
109	137	0.25	128	0.35	Inv.
110	103	0.25	88	0.38	Comp.
111	137	0.36	77	0.78	Comp.
112	137	0.27	121	0.53	Inv.
113	138	0.26	127	0.34	Inv.
114	105	0.26	91	0.39	Comp.
115	139	0.37	83	0.80	Comp.
116	139	0.27	124	0.55	Inv.
117	139	0.26	130	0.33	Inv.
118	99	0.28	88	0.41	Comp.
119	134	0.40	80	0.88	Comp.
120	134	0.29	120	0.56	Inv.
121	135	0.28	128	0.36	Inv.
122	104	0.25	92	0.39	Comp.
123	138	0.36	81	0.79	Comp.
124	138	0.26	121	0.54	Inv.
125	139	0.26	129	0.32	Inv.

The above-mentioned processing was performed to samples 201 to 216. In addition, another set of

Amendment Under 37 C.F.R. §1.111  
U.S. Application Ser. No. 10/034,607

Attorney Docket No.: Q67606

**On page 448, delete Table 8 and insert the attached Table 8.**



- 448 -

Table 8

Sample	Photographic performance with red filter		Photographic performance after subjecting to thermal condition		Remarks
	Sensi-tivity	Fog	Sensi-tivity	Fog	
301	100	0.27	87	0.42	Comp.
302	158	0.41	76	1.20	Comp.
303	158	0.29	103	0.81	Inv.
304	159	0.29	125	0.50	Inv.
305	118	0.28	98	0.43	Comp.
306	125	0.27	105	0.41	Comp.
307	128	0.26	107	0.40	Comp.
308	124	0.25	103	0.40	Comp.
309	116	0.26	95	0.41	Comp.
310	172	0.41	92	1.18	Ref.
311	178	0.40	94	1.18	Ref.
312	180	0.42	96	1.20	Ref.
313	176	0.41	93	1.20	Ref.
314	169	0.40	85	1.19	Ref.
315	177	0.27	111	0.78	Inv.
316	103	0.28	88	0.43	Comp.
317	160	0.40	78	1.18	Comp.
318	178	0.40	83	1.19	Ref.
319	177	0.29	112	0.82	Inv.
320	177	0.28	141	0.48	Inv.
321	99	0.30	86	0.44	Comp.
322	158	0.42	74	1.25	Comp.
323	175	0.41	92	1.21	Ref.
324	176	0.31	111	0.84	Inv.
325	177	0.31	142	0.49	Inv.
326	105	0.28	88	0.42	Comp.
327	163	0.40	78	1.20	Comp.
328	181	0.40	93	1.20	Ref.
329	180	0.29	113	0.85	Inv.
330	181	0.28	144	0.45	Inv.

**On page 451, delete the third full paragraph beginning at line 16 and insert the following:**

Em-X3 was obtained in the same manner as ~~Em-X1~~Em-X2, except that compound (IV-2) of the invention was added at the time of chemical sensitization in an amount of 10 mol% of the sensitizing dyes added.

**On page 460, delete the fourth full paragraph beginning at line 20, and insert the following:**

Em-Y3 was obtained in the same manner as ~~Em-Y1~~Em-Y2, except that compound (IV-2) of the invention was added at the time of chemical sensitization in an amount of 10 mol% of the sensitizing dyes added.

**On page 465, delete the first full paragraph, beginning at line 2 and insert the following:**

Em-Z3 was obtained in the same manner as ~~Em-Z1~~Em-Z2, except that compound (IV-2) of the invention was added at the time of chemical sensitization in an amount of 10 mol% of the sensitizing dyes added.